

Date: Wednesday, 2/1/2006 11:45:16 AM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : BASKET QUICK REALEASE 350/355
 Job Number : 25713
 Estimate Number : 10241
 P.O. Number : NIA Part Number : DSI 9052011
 This Issue : 2/1/2006 S.O. No. : NIA Drawing Number : DSI 9052 REV B D 06.02.07
 Prsht Rev. : NC Project Number : N/A
 First Issue : NIA Type : PURCHASED PARTS Drawing Revision : B D
 Previous Run : NIA Material : NIA
 Due Date : 2/8/2006 Qty: 5 Um: Each
 Written By : SER Below.
 Checked & Approved By : 06.02.01
 Comment : Est Rev:A 02.05.15 New Issue NG

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 DC DOCUMENT CONTROL



Comment: DOCUMENT CONTROL
 Photocopy bluefile & type labels per PPP 9052-011 CHG001

DH 06/02/07 (5)

2.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1
 Pick Packing Kit

3.0 BLRS010 Pip Pin



Comment: Qty.: 4.0000 Each(s)/Unit Total: 20.0000 Each(s)
 Pick:

Qty Part Number Description Batch

4 BLRS-010 Quick Release Pin (1" grip) 10Xm18473/10X19520 C 206/02/07 (5)

4.0 QC4 INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

11/4/2/07 (5)

5.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1
 Identify and pack for shipping as per PPP D9052-011
 Location: REV.A C 206/02/07 (5)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET QUICK REALEASE 350/355

Job Number: 25713

Part Number: DSI 9052011

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

545 06/07/08 (5)

DP 06/02/08 (5)

Job Completion



| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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NOTE: Date & initial all entries

DART

| | | | |
|------------------|---------------|--|------------------------|
| DESIGN # | DRAWN BY # | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED # | APPROVED # | DRAWING NO. DSI 9052 | REV. D SHEET 1 OF 1 |
| DATE 04.03.23 | | TITLE QUICK PIN REPLACEMENT | SCALE NTS |
| A | 96.11.04 | NEW ISSUE | |
| B | 96.11.13 | ADD PART NUMBERS | |
| C | 03.12.11 | ADD DSI 9052-013 | |
| D | 04.03.23 | ADD CLAMPS ONLY NOTE | |

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607 REV. F
(REF. CANADIAN STC: SH94-14, REF. FAA STC: SR00213NY)
AND TO AMEND INSTALLATION DRAWING D350-602 REV. D
(REF. CANADIAN STC: SH93-97, REF. FAA STC: SR01144NY)

PURPOSE: TO ALLOW SUBSTITUTION OF THE BASKET/POD ATTACHMENT BOLTS WITH QUICK RELEASE PINS

THE AN4-12A & AN4-16A BOLTS USED ON D2230-1 CLAMPS MAY BE REPLACED WITH STAINLESS STEEL POSITIVE LOCKING QUICK RELEASE PINS WITH A MINIMUM DOUBLE SHEAR STRENGTH OF 2400 LBS AND 0.25 INCH DIAMETER.

| BOLT | MIN GRIP | POSSIBLE QUICK RELEASE PIN REPLACEMENT |
|---------|----------|--|
| AN4-12A | 1.0" | AVIBANK: BLC4B10S, BLC4TA10S, BLC4R10S, BLC4LA10S MS NUMBER: MS17984C410, MS17985C410, MS17986C410, MS17987C410 REID: BLRS-010, BLBS-010 |
| AN4-16A | 1.3" | AVIBANK: BLC4B13S, BLC4TA13S, BLC4R13S, BLC4LA13S MS NUMBER: MS17984C413, MS17985C413, MS17986C413, MS17987C413 REID: BLRS-020, BLBS-020 |

THE FOLLOWING OPTIONAL KITS ARE AVAILABLE FROM DART TO PROVIDE QUICK RELEASE CAPABILITY:

| QTY -011 | QTY -013 | PART NUMBER | DESCRIPTION |
|-------------|-------------|--------------|--|
| X | | DSI 9052-011 | QUICK RELEASE KIT, FOR D350-607-041/-043/-045/-047 |
| | X | DSI 9052-013 | QUICK RELEASE KIT, FOR D350-602-011 |
| 4 | 1 | BLRS-010 | QUICK RELEASE PIN (1" GRIP) |
| | 3 | BLRS-020 | QUICK RELEASE PIN (1.5" GRIP) |

IT IS ACCEPTABLE TO LEAVE THE D2230-1/-3 CLAMPS INSTALLED ON THE CROSSTUBES WHEN THE BASKET OR POD IS REMOVED.

WEIGHT & BALANCE, FOR CLAMPS ONLY, IS 1.8lb (0.82kg) @ STA 135in (3.43m) & BL ±36in (±0.91m).

WORK ORDER
NO. 25713

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 04.03.23
CERT. NO.: SH94-14
ISSUE NO.: 4

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 04.03.23
CERT. NO.: SH93-97
ISSUE NO.: 3

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